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IC - A61K7/00 ; A61K7/48 ; A61K31/20 ; A61K31/201 ; A61K31/202 ; A61K31/231
; A61K31/232 ; A61P17/00 ; A61P31/04

MC - B04-B01B B10-C04 B10-G02 B14-N17C D08-B09A E10-C04L

M2 - [01] H7 H721 J0 J011 J1 J171 M225 M231 M262 M281 M320 M416 M431 M782
M904 M905 P420 P943; RA0PY9-K RA0PY9-T RA0PY9-M

- [02] H7 H721 J0 J011 J1 J171 M225 M231 M262 M281 M320 M416 M431 M782
M904 M905 P420 P943; RA4KD7-K RA4KD7-T RA4KD7-M

- [03] H7 H722 J0 J011 J1 J171 M225 M231 M262 M281 M320 M416 M431 M782
M904 M905 M910 P420 P943; R00206-K R00206-T R00206-M R14105-K R14105-T
R14105-M; 0206-U

- [04] H7 H722 J0 J011 J2 J271 M210 M211 M225 M231 M262 M272 M281 M320
M416 M431 M782 M904 M905 P420 P943; RA1VE3-K RA1VE3-T RA1VE3-M

- [05] H7 H723 J0 J011 J1 J171 M226 M231 M262 M281 M320 M416 M431 M782
M904 M905 P420 P943; R04038-K R04038-T R04038-M R13711-K R13711-T
R13711-M

- [06] H7 H723 J0 J011 J1 J171 M225 M231 M262 M281 M320 M416 M431 M782
M904 M905 M910 P420 P943; R01269-K R01269-T R01269-M R14106-K R14106-T
R14106-M; 1269-U

- [07] H7 H723 J0 J011 J2 J271 M210 M211 M225 M231 M262 M272 M281 M320
M416 M431 M782 M904 M905 P420 P943; R15110-K R15110-T R15110-M

- [08] J0 J011 J1 J171 M225 M232 M262 M281 M320 M416 M431 M620 M782 M904
M905 P420 P943; RA0VQA-K RA0VQA-T RA0VQA-M

- [09] J0 J011 J1 J171 M225 M232 M262 M281 M320 M416 M431 M620 M782 M904
M905 P420 P943; RA0VQ9-K RA0VQ9-T RA0VQ9-M

- [10] J0 J011 J1 J171 M220 M221 M222 M223 M224 M225 M226 M232 M233 M262
M281 M320 M416 M431 M620 M782 M904 M905 P420 P943; 0050-06301-K
0050-06301-T 0050-06301-M

PA - (SUNZ) SUNSTAR CHEM IND CO LTD

PN - JP2001172176 A 20010626 DW200169 A61K31/20 008pp

PR - JP19990285671 19991006

XA - C2001-179472

XIC - A61K-007/00 ; A61K-007/48 ; A61K-031/20 ; A61K-031/201 ; A61K-031/202 ;
A61K-031/231 ; A61K-031/232 ; A61P-017/00 ; A61P-031/04

AB - JP2001172176 NOVELTY - Skin improvement agent which proliferates

Staphylococcus epidermidis and inhibits proliferation of
Staphylococcus aureus, comprises 10-18C branched chain saturated fatty
acid, 6-hexadecenoic acid, palmitoleic acid, linoleic acid, alpha
-linolenic acid, linoleic acid methyl ester, alpha -linolenic acid
methyl ester and arachidonic acid as active ingredient.

- ACTIVITY - Dermatological. No test details are given in specification.

- MECHANISM OF ACTION - None given in source material.

- USE - For improving skin diseases, such as atopic dermatitis, dry skin
(claimed) or rough skin.

- ADVANTAGE - The fatty acid effectively improves the proliferation of
Staphylococcus epidermidis which is indigenous microbe of skin.
Alternatively, the proliferation of Staphylococcus aureus is

inhibited, hence skin diseases are effectively improved.

- (Dwg.0/0)

CN - RA0PY9-K RA0PY9-T RA0PY9-M RA4KD7-K RA4KD7-T RA4KD7-M R00206-K
R00206-T R00206-M R14105-K R14105-T R14105-M RA1VE3-K RA1VE3-T
RA1VE3-M R04038-K R04038-T R04038-M R13711-K R13711-T R13711-M
R01269-K R01269-T R01269-M R14106-K R14106-T R14106-M R15110-K
R15110-T R15110-M RA0VQA-K RA0VQA-T RA0VQA-M RA0VQ9-K RA0VQ9-T
RA0VQ9-M 0050-06301-K 0050-06301-T 0050-06301-M

DRL - 0206-U 1269-U

IW - SKIN IMPROVE AGENT COMPRISE BRANCH SATURATE FATTY ACID HEXADECENOIC
ACID ACID ALPHA LINOLENIC ACID METHYL LINOLEATE ALPHA LINOLENIC ACID
METHYL ESTER

IKW - SKIN IMPROVE AGENT COMPRISE BRANCH SATURATE FATTY ACID HEXADECENOIC
ACID ACID ALPHA LINOLENIC ACID METHYL LINOLEATE ALPHA LINOLENIC ACID
METHYL ESTER

NC - 001

OPD - 1999-10-06

ORD - 2001-06-26

PAW - (SUNZ) SUNSTAR CHEM IND CO LTD

TI - Skin improvement agent comprises e.g. branched saturated fatty acid,
hexadecenoic acid, palmitoleic acid, alpha-linolenic acid, methyl
linoleate and alpha-linolenic acid, methyl ester